## Index of Claims

## \*09988589\*

| - | Application No.   | Applicant(s) |  |  |  |  |  |
|---|-------------------|--------------|--|--|--|--|--|
|   | 09/988,589        | WALLIS, MARK |  |  |  |  |  |
|   | Examiner          | Art Unit     |  |  |  |  |  |
|   | Rajnikant B Patel | 2838         |  |  |  |  |  |

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

|   |                            |                           | <u> </u>     |                                |          |               |   |          |                   |          |
|---|----------------------------|---------------------------|--------------|--------------------------------|----------|---------------|---|----------|-------------------|----------|
|   |                            |                           |              |                                |          |               |   |          |                   |          |
| Cla   |                            |                           |              | _ [                            | Date     | Э.            |   |          |                   |          |
|   | le le                      |                           |              | 4                              |          |               |   |          |                   |          |
| Final   | ١١                         |                           |              | 7/19/04                        |          |               |   |          |                   |          |
| i I   | Original                   |                           |              | 7/1                            |          |               |   |          |                   |          |
|   |                            |                           |              | Ĺ                              |          |               |   |          |                   |          |
| -0  | 1<br>2<br>3<br>4<br>5<br>6 | 7                         | -            | •                              |          |               |   |          |                   |          |
| -0  | 2                          | 1                         | -            | _                              |          | <u> </u>      |   |          |                   |          |
| -0  | 3                          | V                         | Ŀ            | ٠                              |          | _             |   |          |                   |          |
| -0  | 4                          | 1                         | Ŀ            | •                              |          | L             |   |          |                   |          |
| -0  | 5                          | 1                         | 1            | ·                              |          | L             |   |          | <u> </u>          |          |
| -0  | 6                          | 1                         | 1            | -                              |          |               |   |          |                   |          |
| -0  | 7                          | 1                         | 1            | -                              |          |               |   |          |                   |          |
| -0  | 8                          | 1                         | 1            | -                              |          |               |   |          |                   |          |
| 1_  | 9                          | 7                         | 1            | n                              |          |               |   |          |                   |          |
| -0<br>-0<br>-0<br>-0<br>-0<br>-0<br>-0<br>1<br>2<br>3<br>4<br>5<br>-0<br>-0<br>-0<br>-0<br>-0<br>-0<br>-0<br>-0<br>-0<br>-0<br>-0<br>-0<br>-0 | 10<br>11<br>12<br>13       | 1                         | V            | =                              |          |               | L   |          |                   |          |
| 3   | 11                         | 1                         | 1            | =                              |          |               |   |          |                   |          |
| 4   | 12                         | 7                         | 7            | =                              |          | L             |   |          |                   |          |
| 5   | 13                         | 1                         | 1            | =                              |          |               |   |          |                   |          |
| -0  | 14                         | 1                         | -            | -                              |          |               |   |          |                   |          |
| -0  | 14<br>15<br>16             | 1                         | -            | -                              |          |               |   |          |                   |          |
| 7   | 16                         | 1                         | -            | -                              |          |               |   |          | Г                 |          |
| -0  | 17                         | 1                         | -            | -                              |          |               | Г   | _        |                   |          |
| -0  | 18                         | 1                         | -            | -                              |          | $\overline{}$ |   |          | $\vdash$          |          |
| -0  | 18<br>19<br>20<br>21<br>22 | 1                         | -            | -                              |          |               |   |          |                   |          |
| 6   | 20                         | Ė                         | 1            | ┰                              |          | $\vdash$      |   |          | $\vdash$          |          |
| 7   | 21                         |                           | 1            | =                              | _        | _             | $\vdash$  | _        | $\vdash$          | _        |
| 8   | 22                         | -                         | i            | =                              |          | ┢             | -   | -        | ┢                 | _        |
| 9   | 23                         |                           | 1            | =                              |          | -             | $\vdash$  | $\vdash$ | ┢                 | $\vdash$ |
| 10  | 24                         | _                         | 7            | =                              |          | -             | $\vdash$  | $\vdash$ | $\vdash$          | $\vdash$ |
| 10  | 23<br>24<br>25             | H                         | H            | -                              |          | ┢             | $\vdash$  | $\vdash$ | $\vdash$          | $\vdash$ |
|   | 26                         | _                         | $\vdash$     | $\vdash$                       |          | ⊢             | $\vdash$  | $\vdash$ | ┢                 | $\vdash$ |
| -   | 26<br>27                   |                           | $\vdash$     | -                              |          | ┢             | -   | -        | -                 |          |
| -   | 29                         | _                         | $\vdash$     | _                              |          | $\vdash$      | ┝   |          | ├                 |          |
| -   | 28<br>29                   |                           | $\vdash$     | _                              |          | $\vdash$      | $\vdash$  | ┝        | ⊢                 |          |
| -   | 29                         | _                         | ⊢            |                                |          | $\vdash$      | $\vdash$  | -        | ├                 | $\vdash$ |
|   | 30                         | _                         | <del> </del> | _                              |          | _             | $\vdash$  | _        | ⊢                 | _        |
| ├─  | 31                         | _                         | -            |                                |          | -             | H   | $\vdash$ | $\vdash$          |          |
| -   | 31<br>32<br>33             | <u> </u>                  | $\vdash$     | $\vdash$                       | _        | $\vdash$      | $\vdash$  | $\vdash$ | $\vdash$          | $\vdash$ |
|   | 33                         | <u> </u>                  | $\vdash$     |                                |          |               | $\vdash$  | _        | $\vdash$          | $\vdash$ |
| <u></u>   | 34                         | <u> </u>                  | <u> </u>     | $\vdash$                       | <u> </u> | $\vdash$      |   | <u> </u> | <del> </del>      | <u> </u> |
| <u></u>   | 35                         | <u> </u>                  | Η.           | <u> </u>                       | <u> </u> | <u> </u>      | <u> </u>  | <u> </u> | <u> </u>          |          |
| <u> </u>  | 36                         | <u> </u>                  | $\vdash$     | <u> </u>                       | <u> </u> |               | $\vdash$  | <u> </u> | <u> </u>          | <u> </u> |
|   | 37                         | $ldsymbol{ldsymbol{eta}}$ | <u> </u>     | <u> </u>                       |          | <u> </u>      | <u> </u>  | <u> </u> | <u> </u>          | <b> </b> |
| <u></u>   | 38                         | Щ.                        | L_           | <u> </u>                       |          | <u> </u>      | L   |          | <u> </u>          | L.       |
|   | 39                         | L_                        | L_           | L.                             |          | <u> </u>      | $\vdash$  | oxdot    | <u> </u>          | <u> </u> |
|   | 40                         | L_                        | <u> </u>     | <u>L</u>                       | L_       |               | $ldsymbol{ldsymbol{ldsymbol{eta}}}$   | <u> </u> | <u> </u>          | Ш        |
|   | 41                         | L                         | L.,          |                                | <u> </u> | <u> </u>      | L   | <u>L</u> | $ldsymbol{f eta}$ | Ш        |
|   | 42                         | L.                        | L_           |                                | L        | <u> </u>      | L_  |          | <u> </u>          | L_       |
|   | 43                         |                           | L.           | L.                             |          | _             |   | L        |                   |          |
|   | 44                         |                           |              |                                |          |               | $ldsymbol{ld}}}}}}$ | L        | <u> </u>          |          |
|   | 45                         |                           |              | $oxed{\Box}$                   |          |               |   |          |                   |          |
|   | 46                         | L                         |              | $oxedsymbol{oxedsymbol{oxed}}$ |          |               |   |          |                   |          |
|   | 47                         |                           |              |                                |          |               |   |          |                   |          |
|   | 48                         |                           |              |                                |          |               |   |          |                   |          |
|   | 49                         |                           |              |                                |          |               |   |          |                   |          |
|   |                            |                           |              | $\overline{}$                  |          |               |   |          |                   |          |

| Cla      | im                                     |              |              |              | [                                   | Date         |              |              |              |          |  |
|----------|--|--------------|--------------|--------------|-------------------------------------|--------------|--------------|--------------|--------------|----------|--|
| Final    | Original                               |              |              |              |                                     |              |              |              |              |          |  |
|          | 51                                     |              |              |              |                                     |              |              |              |              |          |  |
|          | 52                                     |              |              |              |                                     |              |              |              |              |          |  |
|          | 53                                     |              |              |              |                                     |              |              |              |              |          |  |
|          | 54                                     |              |              |              |                                     |              |              |              |              |          |  |
|          | 55                                     |              |              |              |                                     |              |              |              |              |          |  |
|          | 51<br>52<br>53<br>54<br>55<br>56<br>57 | L            |              |              |                                     |              |              |              |              | L        |  |
|          | 57                                     | L            |              | L            |                                     |              |              |              |              | _        |  |
|          | 58                                     |              |              | $\perp$      |                                     |              |              |              |              | L        |  |
|          | 59<br>60                               | _            | _            | _            | _                                   |              |              |              |              | _        |  |
|          | 60                                     |              |              |              |                                     |              |              | _            |              | _        |  |
| L        | 61                                     | L            |              | <u> </u>     |                                     |              |              |              |              | L        |  |
| <u> </u> | 62                                     |              |              | <u> </u>     | _                                   |              |              |              |              | L        |  |
| <u> </u> | 63                                     | _            |              |              |                                     | _            |              | _            |              | L        |  |
|          | 64                                     |              |              | <u> </u>     | _                                   | $\vdash$     |              | _            |              | L        |  |
|          | 65                                     | <u> </u>     | _            |              | _                                   | -            | _            |              | _            | L        |  |
|          | 66                                     | <u> </u>     | -            | -            |                                     |              |              |              |              | L        |  |
| <u> </u> | 67                                     | $\vdash$     | H            | $\vdash$     | $\vdash$                            | $\vdash$     |              |              | -            | ┝        |  |
| -        | 68<br>69                               |              | ┝            | -            | -                                   | -            | _            | _            | H            | ⊢        |  |
| <u> </u> | 70                                     | -            | -            |              | $\vdash$                            |              |              | _            | $\vdash$     | -        |  |
|          | 71                                     | _            | -            | -            | -                                   |              |              |              |              | $\vdash$ |  |
|          | 72                                     |              | ┝            | -            | $\vdash$                            |              |              |              | -            | ┝        |  |
| <u> </u> | 72<br>73<br>74<br>75<br>76             |              | $\vdash$     | $\vdash$     | H                                   | Н            | -            |              |              | ┝        |  |
|          | 74                                     |              | ┢─           | <del> </del> | -                                   |              |              | Н            | $\vdash$     | $\vdash$ |  |
|          | 75                                     |              | <u> </u>     | $\vdash$     | -                                   | -            | $\vdash$     | $\vdash$     | $\vdash$     | ┢        |  |
|          | 76                                     | $\vdash$     | <del> </del> | _            |                                     | _            |              |              | $\vdash$     | -        |  |
|          | 77                                     |              | $\vdash$     |              | $\vdash$                            |              |              |              |              |          |  |
|          | 78                                     |              |              |              |                                     |              |              |              |              | _        |  |
|          | 79                                     |              |              |              |                                     |              |              |              |              |          |  |
|          | 80                                     |              |              |              |                                     |              |              |              |              |          |  |
|          | 81                                     |              |              |              | Г                                   |              |              |              |              | Γ        |  |
|          | 82                                     |              |              |              |                                     |              |              |              |              |          |  |
|          | 83                                     |              |              |              |                                     |              |              |              |              |          |  |
|          | 84                                     |              |              |              |                                     |              |              |              |              |          |  |
|          | 85                                     |              |              |              |                                     |              |              |              |              |          |  |
|          | 86                                     |              | L            | _            |                                     |              |              |              | L            | L        |  |
|          | 87                                     |              | <u> </u>     |              | <u> </u>                            |              |              |              |              | L        |  |
|          | 88                                     |              |              |              |                                     |              |              | _            |              | L        |  |
| <u></u>  | 89                                     |              |              |              | <u> </u>                            |              | _            |              |              | L        |  |
| L        | 90                                     |              | L            |              | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | _            |              |              | _            | _        |  |
|          | 91                                     |              |              |              | ļ                                   | _            |              | _            |              | _        |  |
| <u> </u> | 92                                     | <u> </u>     | <u> </u>     | <u> </u>     | $oxed{oxed}$                        | <u> </u>     | <u> </u>     |              |              | _        |  |
|          | 93                                     | ⊢            | <u> </u>     | <u> </u>     | $\vdash$                            | <u> </u>     | -            |              |              | <u> </u> |  |
| <b> </b> | 94                                     | <del> </del> | $\vdash$     | ├            | <u> </u>                            | ├            | $\vdash$     | <u> </u>     | <del> </del> | -        |  |
| <u> </u> | 95                                     | -            | -            | ├            | $\vdash$                            | <del> </del> | $\vdash$     | <del> </del> | $\vdash$     | $\vdash$ |  |
| $\vdash$ | 96                                     | $\vdash$     | ├            | ├-           | ├─                                  |              | $\vdash$     | $\vdash$     | $\vdash$     | -        |  |
| <b>—</b> | 97<br>98                               | $\vdash$     | $\vdash$     | ⊢            | ├                                   | $\vdash$     | <del> </del> |              | $\vdash$     | $\vdash$ |  |
| <u> </u> | 99                                     | ⊢            | $\vdash$     | ├            | $\vdash$                            | $\vdash$     | $\vdash$     | <del> </del> | $\vdash$     | -        |  |
|          | 100                                    | ⊢            | ⊢-           | ⊢            | ├—                                  | <b>—</b>     | ├            | <b> </b> -   | ├            | <b>—</b> |  |

100

|              |                                 | L        |          |  |                                     |          |  |          | 1  |          |
|--------------|---------------------------------|----------|----------|--|-------------------------------------|----------|--|----------|--|----------|
| Cli          | aim                             | П        |          |  |                                     | Date     | _  |          |  |          |
| Final        | Original                        |          |          |  |                                     |          |  |          |  |          |
|              | 101                             |          |          |  |                                     |          |  |          |  |          |
|              | 102<br>103                      |          |          |  |                                     |          |  |          |  | $\Box$   |
|              | 103                             |          |          |  |                                     |          |  |          |  |          |
|              | 104                             | _        | <u> </u> |  |                                     |          |  |          | _  | Н        |
|              | 105<br>106                      | _        | _        | H  | _                                   |          | <u> </u>   | $\vdash$ |  | Н        |
|              | 106                             | -        | _        | $\vdash$   | _                                   |          | _  |          | <u> </u>   | $\vdash$ |
| $\vdash$     | 107                             | $\vdash$ | -        | ├-   |                                     |          | $\vdash$   |          | Н  | Н        |
| <del> </del> | 109                             |          |          |  |                                     |          | -  |          | $\vdash$   | $\vdash$ |
|              | 110                             | <u> </u> |          |  |                                     |          | $\vdash$   |          |  |          |
|              | 111                             |          |          |  |                                     |          |  |          |  |          |
|              | 112                             |          |          |  |                                     |          |  |          |  |          |
|              | 113                             |          |          |  |                                     |          |  |          |  |          |
|              | 113<br>114<br>115               | L.       |          | Ш  |                                     | Ш        |  |          |  | Ш        |
| ļ            | 115                             | _        |          |  |                                     |          | L  |          |  | Щ        |
|              | 116                             | L        |          | <u> </u>   | <u> </u>                            |          |  |          |  | Н        |
|              | 117<br>118                      | -        | _        |  | $\vdash$                            |          |  |          | -  |          |
| <u> </u>     | 119                             | -        | -        | -  | -                                   |          | -  |          |  | Н        |
|              | 120                             | $\vdash$ | -        | $\vdash$   | -                                   |          | $\vdash$   |          | $\vdash$   | H        |
|              | 121                             |          | $\vdash$ | ┢  | -                                   |          | -  |          |  |          |
|              | 122                             | <b>-</b> | $\vdash$ | <del>                                     </del> | Т                                   |          | $\vdash$   |          |  |          |
|              | 121<br>122<br>123               | Т        | $\vdash$ | <b>-</b>   |                                     |          |  |          |  |          |
|              | 124                             |          |          |  |                                     |          |  |          |  |          |
|              | 124<br>125<br>126<br>127<br>128 |          |          |  |                                     |          |  |          |  |          |
|              | 126                             | _        | <u> </u> | <u> </u>   |                                     | _        |  | _        |  | _        |
|              | 127                             |          | <u> </u> | <u> </u>   | _                                   | _        | -  | _        | _  |          |
|              | 128                             |          |          | $\vdash$   | <u> </u>                            | _        |  |          |  | H        |
|              | 130                             |          | ┢        | $\vdash$   |                                     |          |  |          |  | -        |
|              | 129<br>130<br>131               | -        | $\vdash$ | $\vdash$   | $\vdash$                            | _        | <del>                                     </del> | $\vdash$ | -  | $\vdash$ |
|              | 132                             |          |          |  |                                     |          |  |          |  |          |
|              | 133                             |          |          |  |                                     |          |  |          |  |          |
|              | 134<br>135                      |          |          |  |                                     |          |  |          |  |          |
|              | 135                             |          | L        |  |                                     |          | <u> </u>   |          |  |          |
|              | 136                             | <u> </u> | <u> </u> | <u> </u>   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | _        | <u> </u>   | <u> </u> | <u> </u>   | Ш        |
|              | 137                             | <u> </u> | <u> </u> | $\vdash$   | $\vdash$                            | <u> </u> | <u> </u>   | ļ        | $\vdash$   | Щ        |
|              | 138<br>139                      | $\vdash$ | <u> </u> | $\vdash$   | $\vdash$                            |          | $\vdash$   | <u> </u> | $\vdash$   | Н        |
|              | 4.40                            | ┈        | $\vdash$ |  | $\vdash$                            |          | -  | $\vdash$ |  | $\vdash$ |
|              | 140                             | $\vdash$ | ┝        | $\vdash$   | $\vdash$                            | <u> </u> | -  | $\vdash$ |  | Н        |
| <u> </u>     | 142                             | $\vdash$ |          | $\vdash$   | -                                   | Н        | -  | $\vdash$ | <del>                                     </del> | H        |
|              | 143                             | Г        | Т        |  | Г                                   |          |  | Т        |  | П        |
|              | 144                             |          | L        |  |                                     |          |  |          |  |          |
|              | 145                             |          |          |  |                                     |          |  |          |  |          |
|              | 146                             |          |          |  |                                     |          |  | L        | <u> </u>   | Ш        |
|              | 147                             | <u> </u> | <u> </u> | _  | L                                   | L        | <u> </u>   | _        | <u> </u>   | Щ        |
|              | 148                             | <b> </b> | $\vdash$ | <b> </b>   | _                                   | $\vdash$ | <u> </u>   | _        | <u> </u>   | Щ        |
| <u> </u>     | 149                             | -        | -        | 1  | -                                   | <u> </u> | _  | <u> </u> | ⊢  | Н        |
| L            | 150                             | L_       | L        | L_   | <u> </u>                            |          |  | <u></u>  |  | Ш        |

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